

Fig. 1

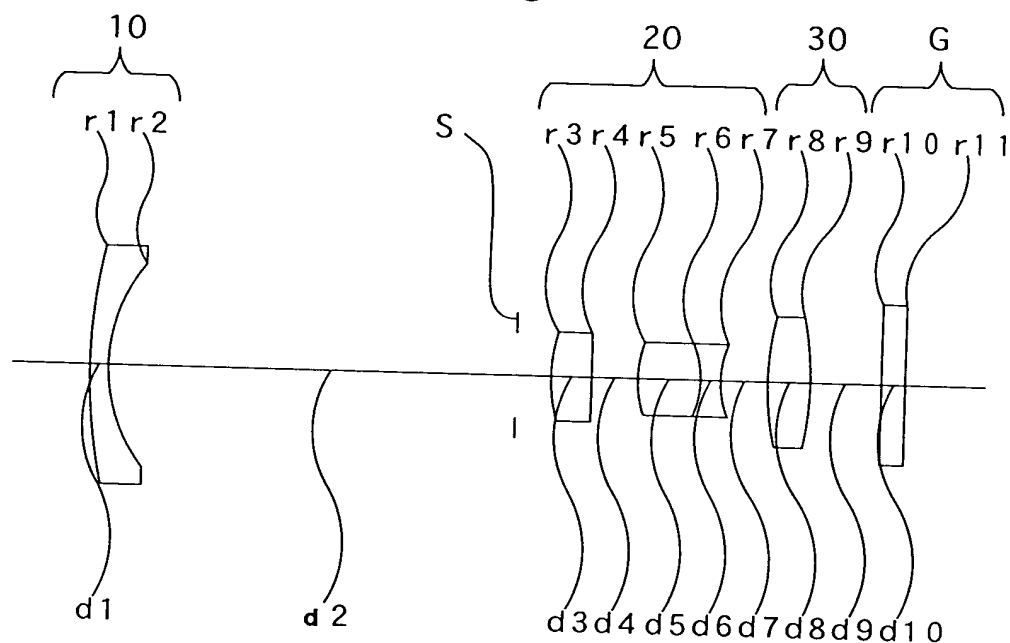


Fig.2A

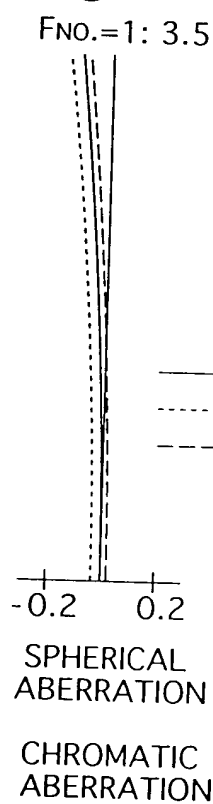


Fig.2B

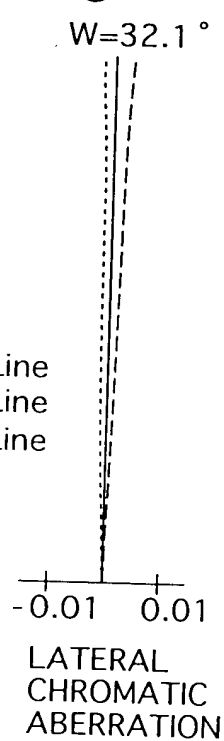


Fig.2C

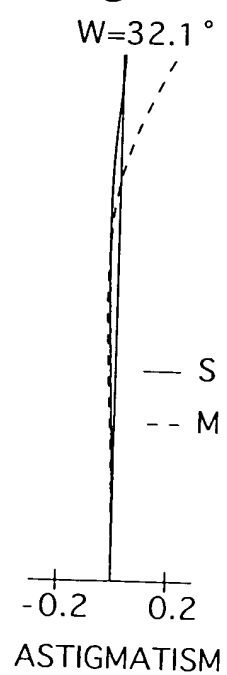


Fig.2D

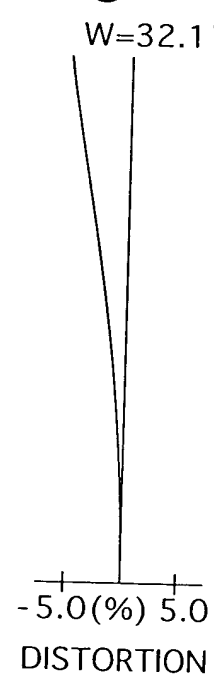


Fig. 3A

FNO.= 1: 3.9

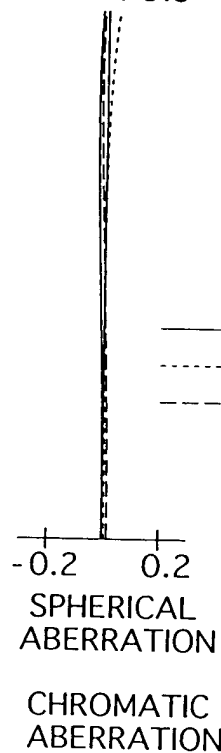


Fig. 3B

W= 23.8 °

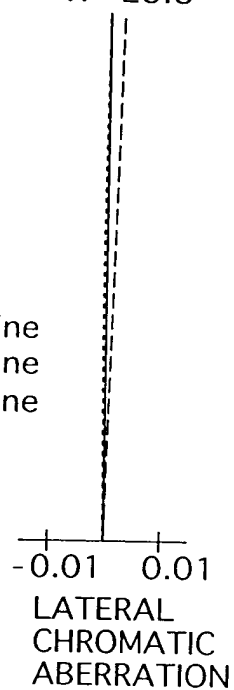


Fig. 3C

W= 23.8 °

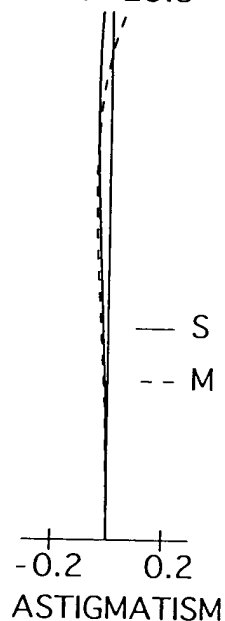


Fig. 3D

W= 23.8 °

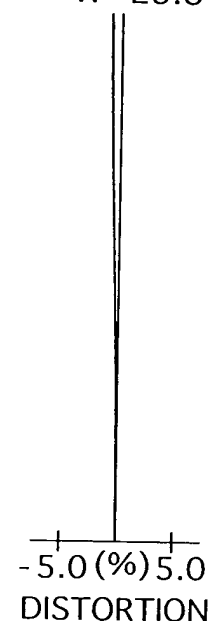


Fig. 4A

FNO.= 1: 4.6

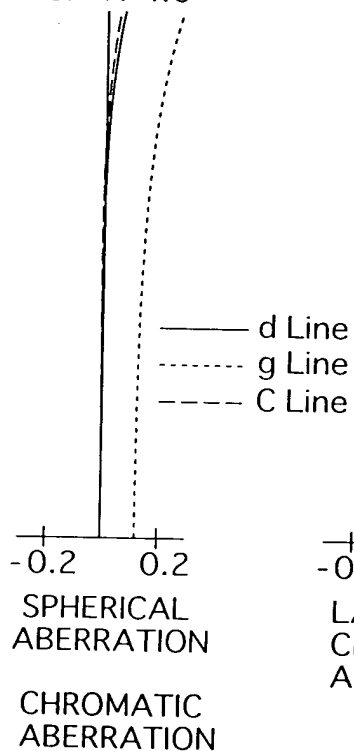


Fig. 4B

W= 17.6 °

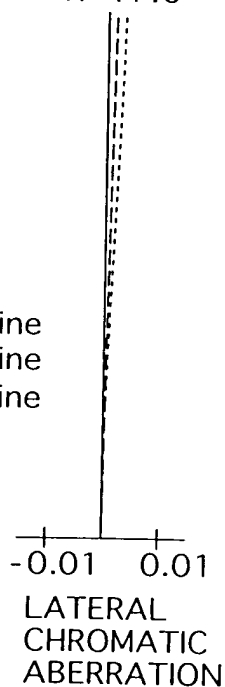


Fig. 4C

W= 17.6 °

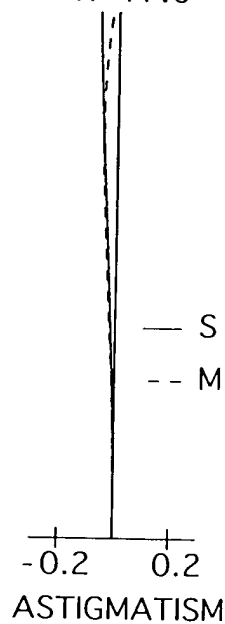


Fig. 4D

W= 17.6 °

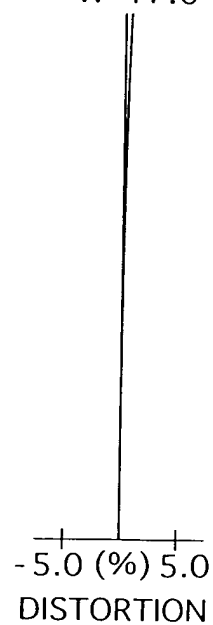


Fig. 5

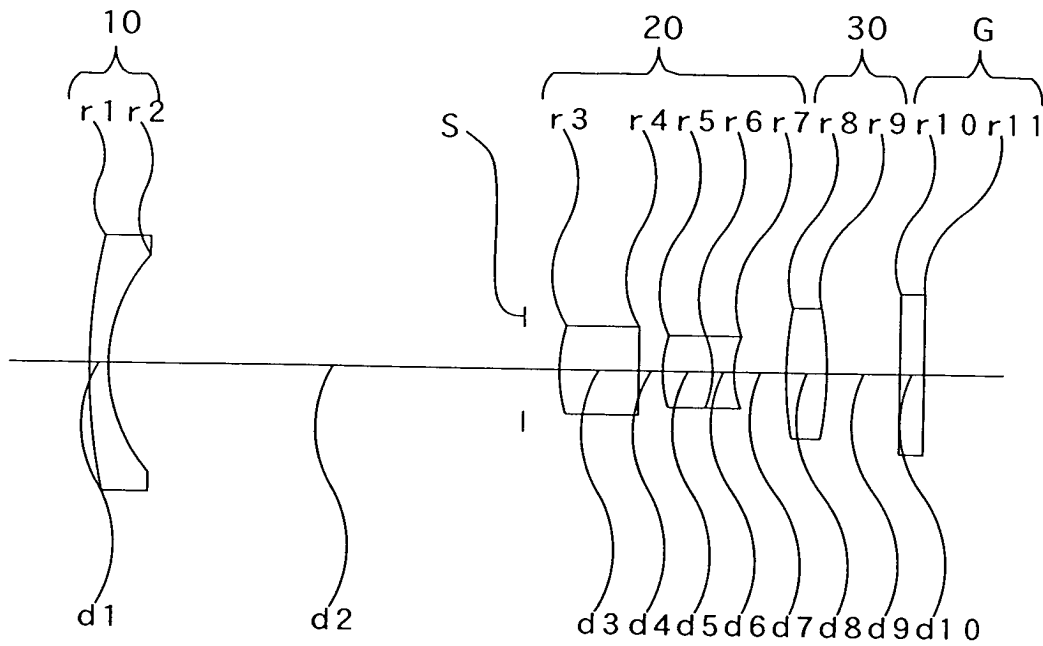


Fig. 6A

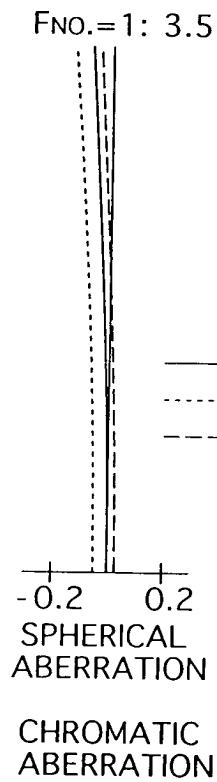


Fig. 6B

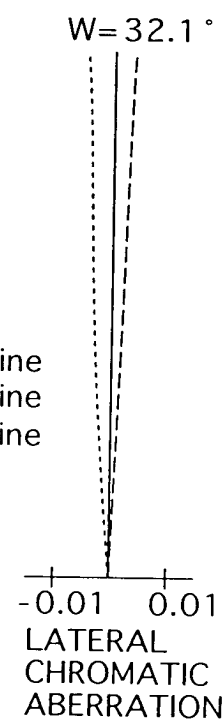


Fig. 6C

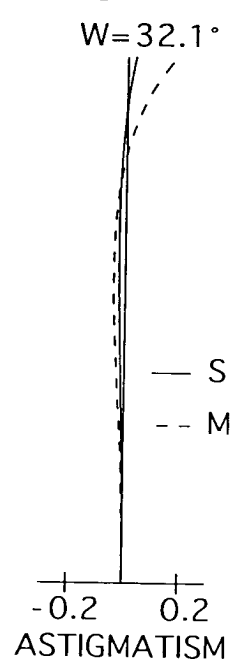


Fig. 6D

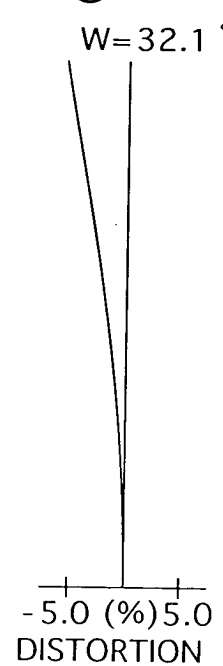
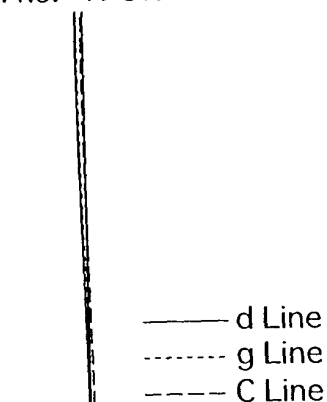


Fig. 7A

FNO.=1: 3.9

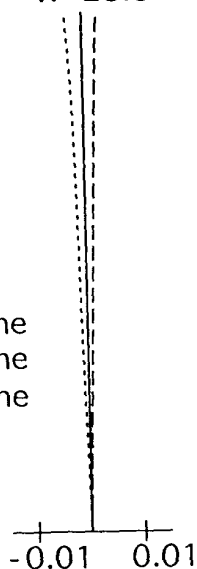


SPHERICAL  
ABERRATION

CHROMATIC  
ABERRATION

Fig. 7B

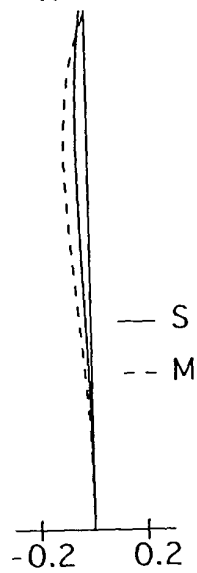
W=23.8°



LATERAL  
CHROMATIC  
ABERRATION

Fig. 7C

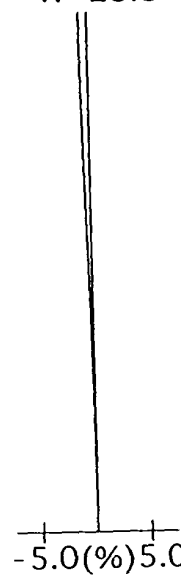
W=23.8°



ASTIGMATISM

Fig. 7D

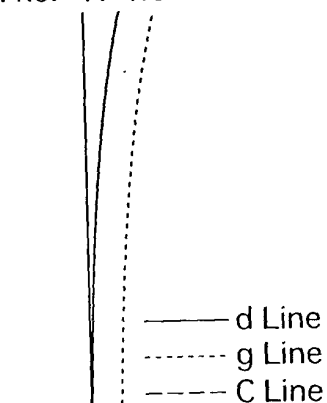
W=23.8°



DISTORTION

Fig. 8A

FNO.=1: 4.5

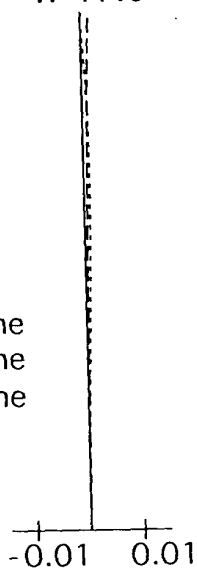


SPHERICAL  
ABERRATION

CHROMATIC  
ABERRATION

Fig. 8B

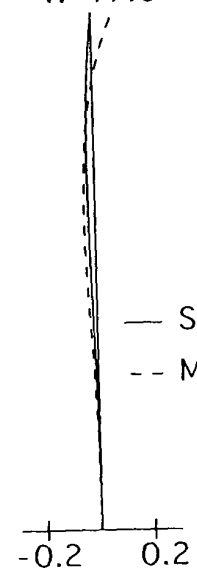
W=17.6°



LATERAL  
CHROMATIC  
ABERRATION

Fig. 8C

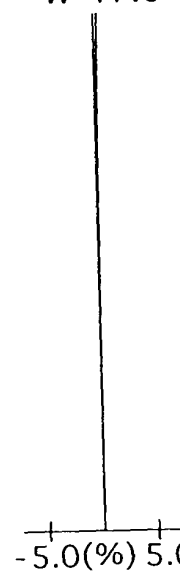
W=17.6°



ASTIGMATISM

Fig. 8D

W=17.6°



DISTORTION

Fig. 9

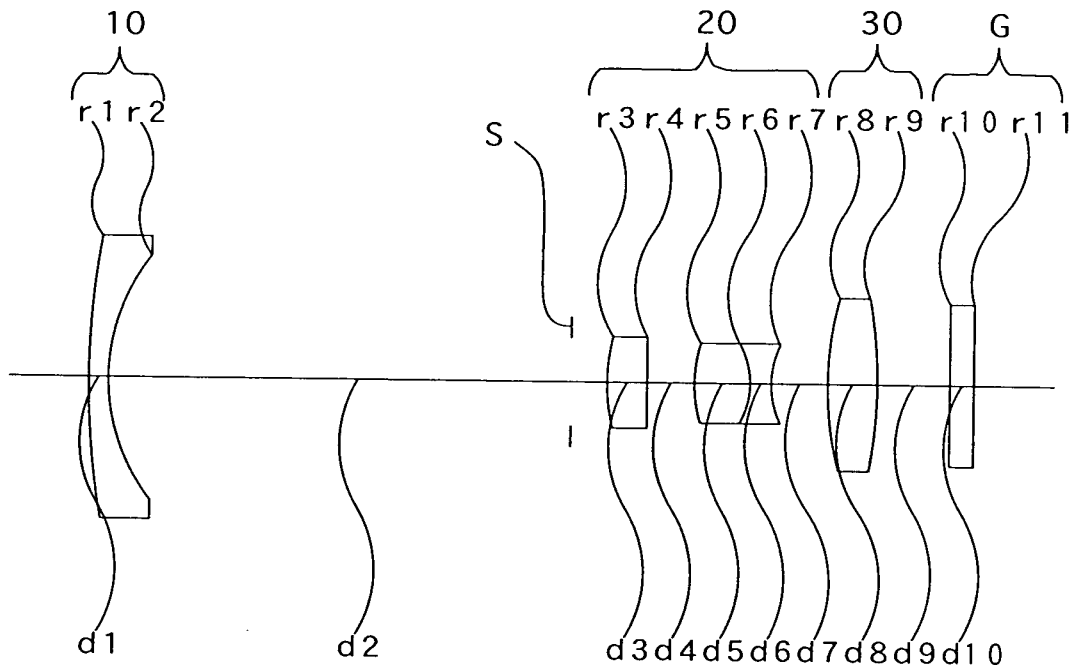
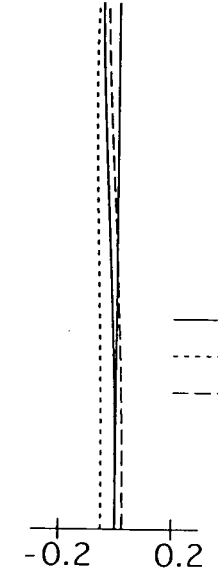


Fig.10A

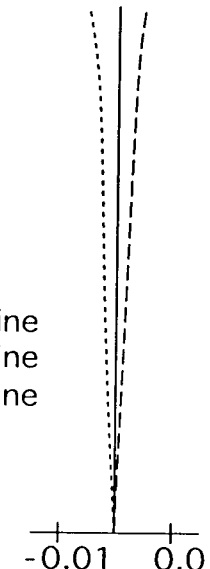
FNO.= 1: 3.1



SPHERICAL  
ABERRATION  
CHROMATIC  
ABERRATION

Fig.10B

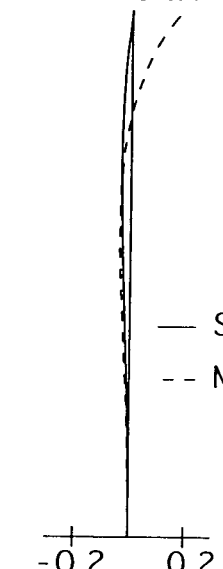
W=32.1°



LATERAL  
CHROMATIC  
ABERRATION

Fig.10C

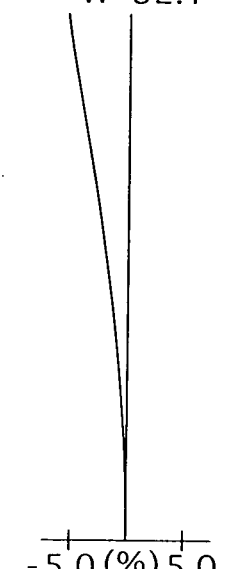
W=32.1°



ASTIGMATISM

Fig.10D

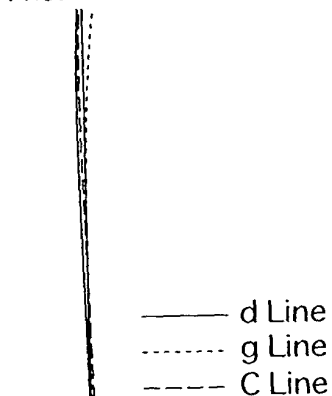
W=32.1°



DISTORTION

Fig.11A

FNO.=1: 3.7



-0.2 0.2  
 SPHERICAL  
 ABERRATION

CHROMATIC  
 ABERRATION

Fig.11B

W=23.8°

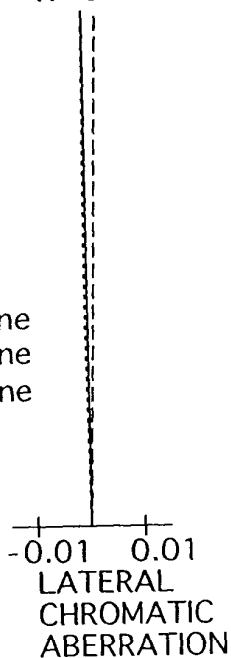
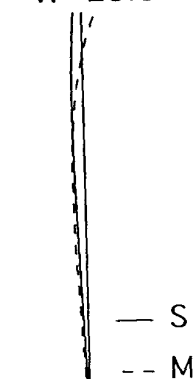


Fig.11C

W=23.8°



-0.2 0.2  
 ASTIGMATISM

Fig.11D

W=23.8°

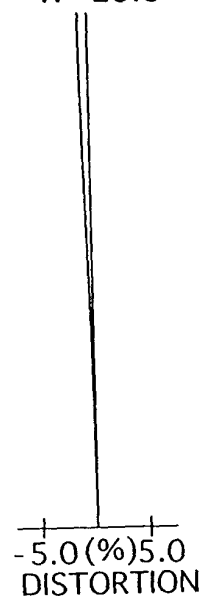
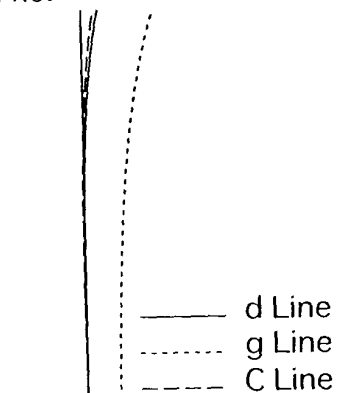


Fig.12A

FNO.=1: 4.5



-0.2 0.2  
 SPHERICAL  
 ABERRATION

CHROMATIC  
 ABERRATION

Fig.12B

W=17.6°

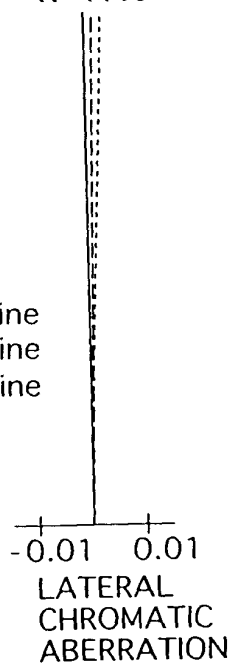
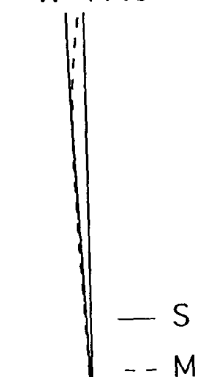


Fig.12C

W=17.6°



-0.2 0.2  
 ASTIGMATISM

Fig.12D

W=17.6°

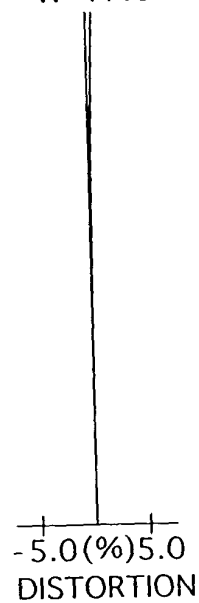


Fig. 13

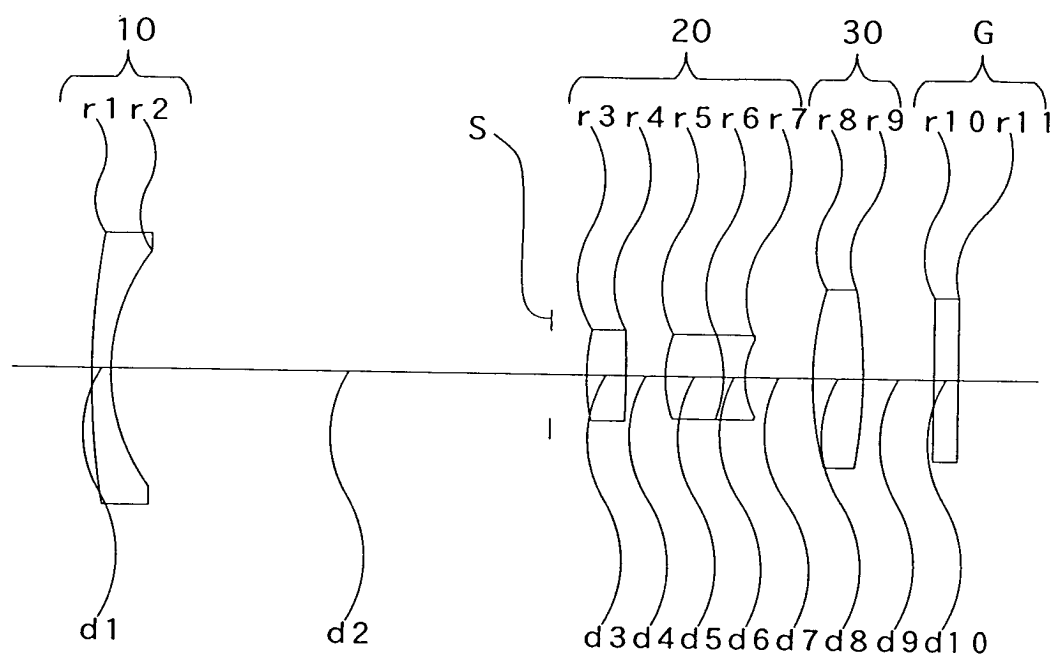
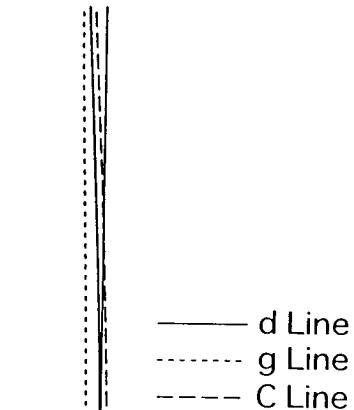


Fig. 14A

FNO.=1: 3.1



CHROMATIC  
ABERRATION

Fig. 14B

W=32.1°

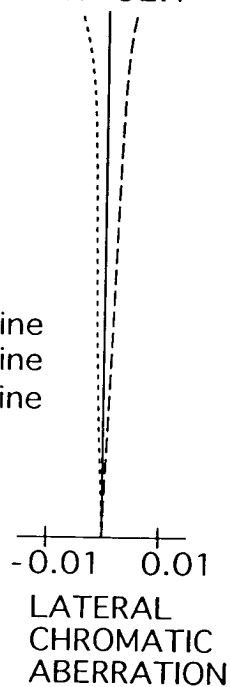


Fig. 14C

W=32.1°

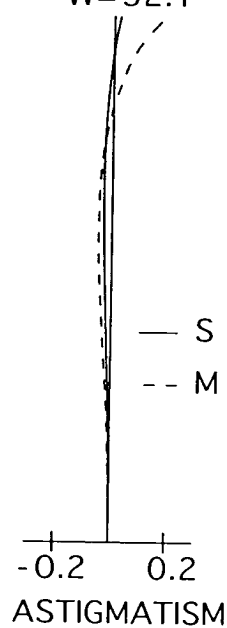


Fig. 14D

W=32.1°

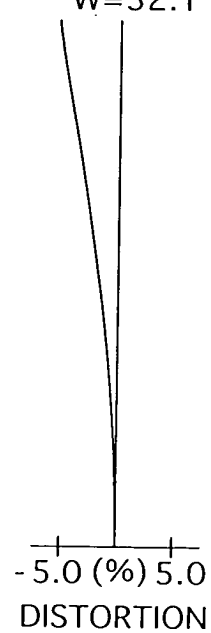
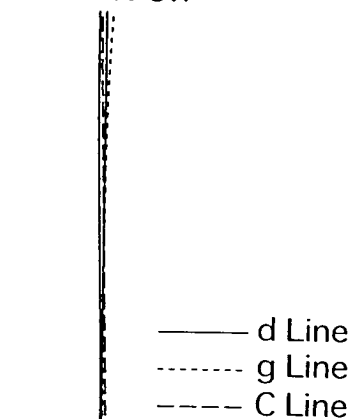


Fig.1 5A

FNO.= 1: 3.7

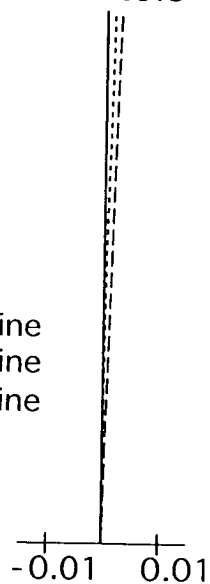


SPHERICAL  
ABERRATION

CHROMATIC  
ABERRATION

Fig.1 5B

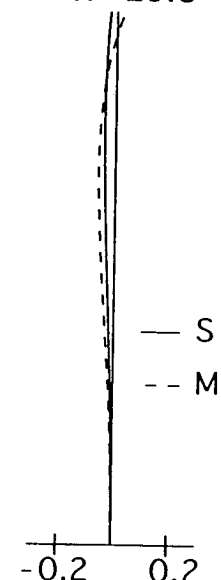
W=23.8 °



LATERAL  
CHROMATIC  
ABERRATION

Fig.1 5C

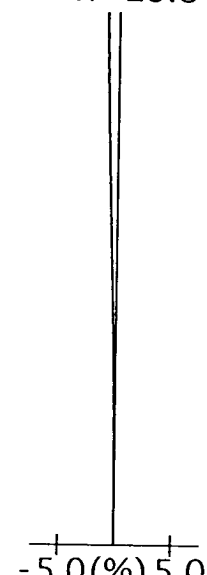
W=23.8 °



ASTIGMATISM

Fig.1 5D

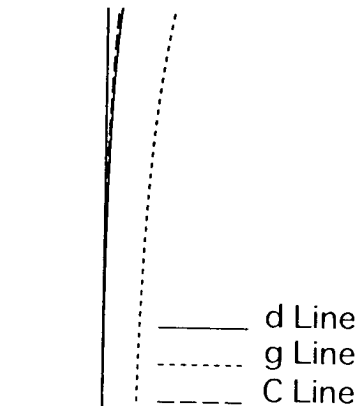
W=23.8 °



DISTORTION

Fig.1 6A

FNO.= 1: 4.5

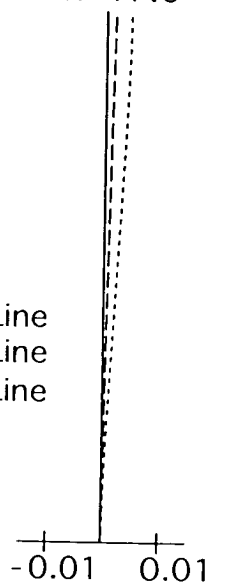


SPHERICAL  
ABERRATION

CHROMATIC  
ABERRATION

Fig.1 6B

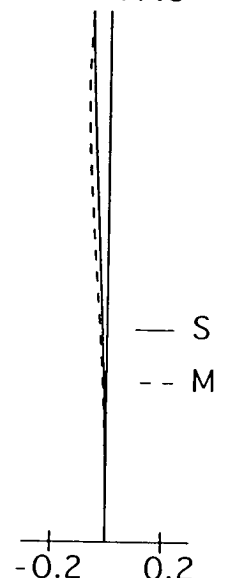
W=17.6 °



LATERAL  
CHROMATIC  
ABERRATION

Fig.1 6C

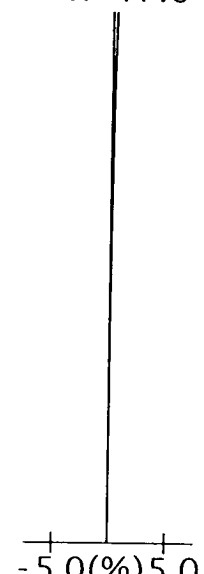
W=17.6 °



ASTIGMATISM

Fig.1 6D

W=17.6 °



DISTORTION



Fig. 17

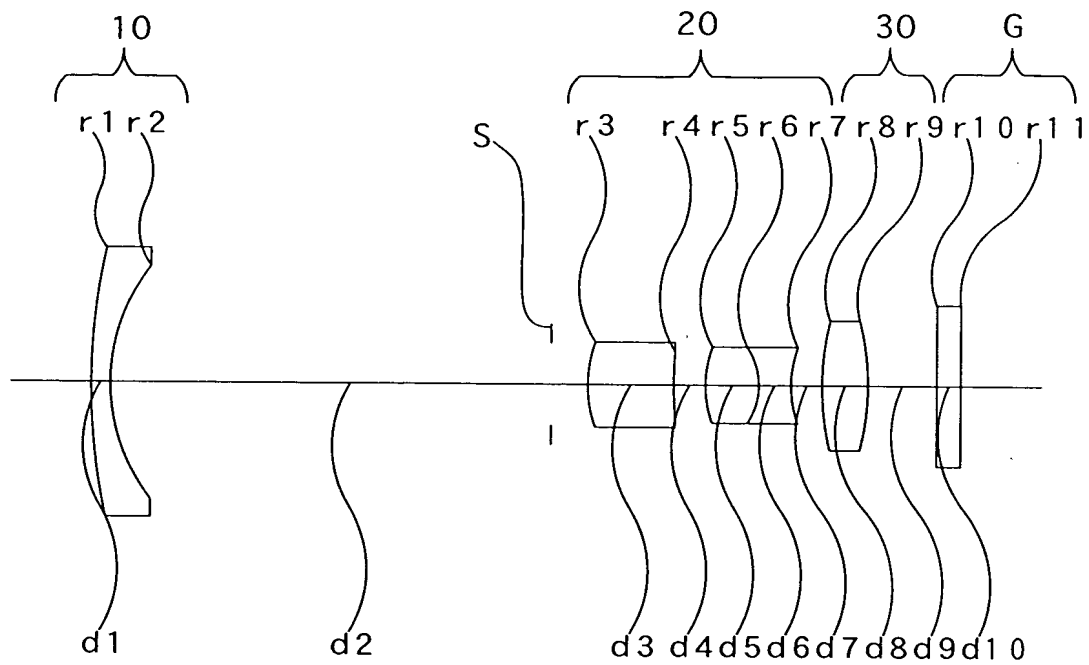


Fig.18A

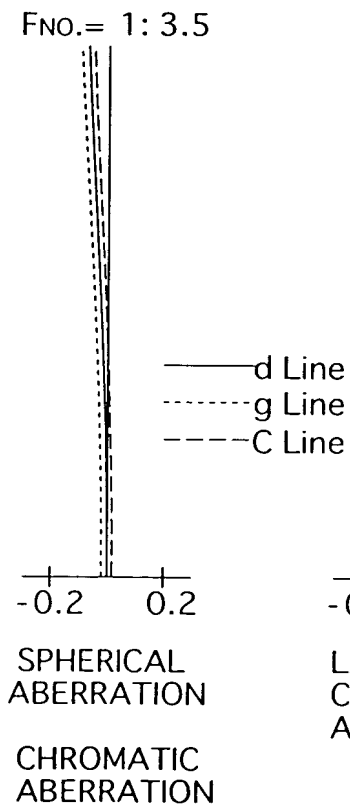


Fig.18B

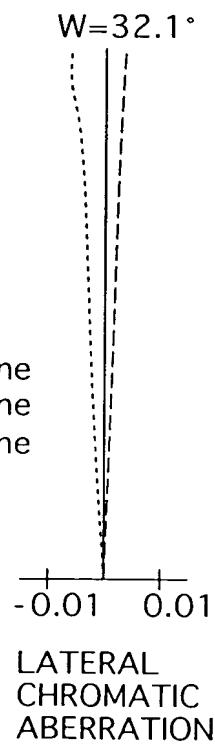


Fig.18C

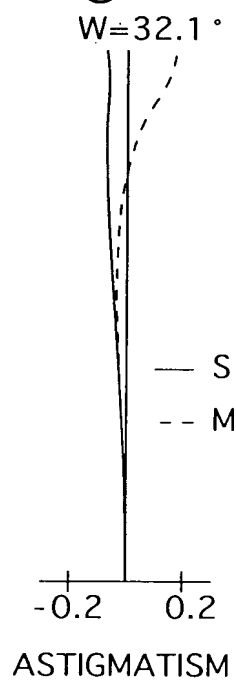


Fig.18D

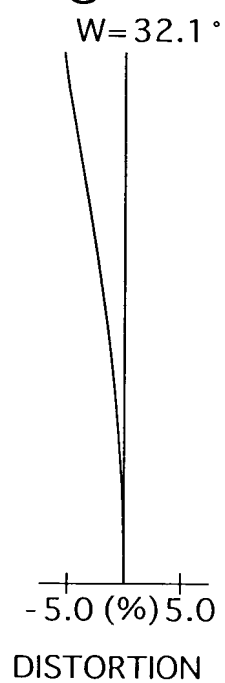
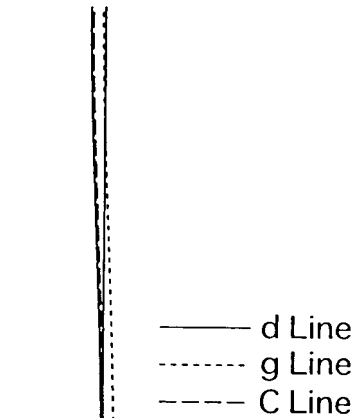


Fig.19A

FNO.= 1: 3.9

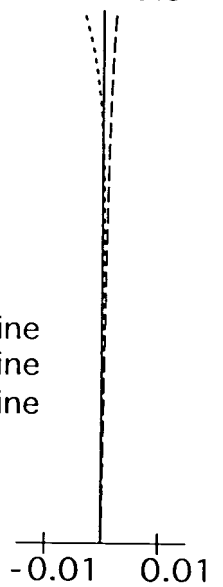


SPHERICAL  
ABERRATION

CHROMATIC  
ABERRATION

Fig.19B

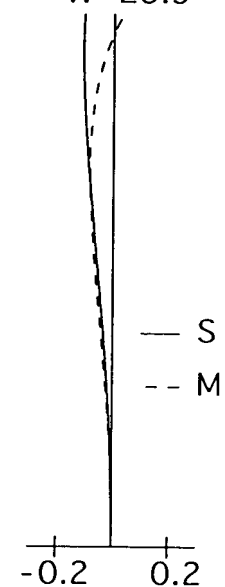
W= 23.9°



LATERAL  
CHROMATIC  
ABERRATION

Fig.19C

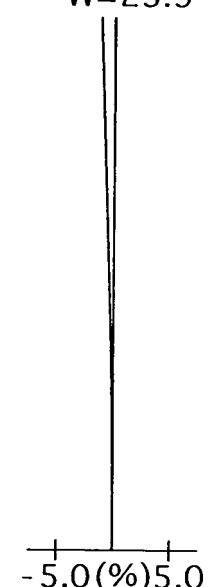
W=23.9°



ASTIGMATISM

Fig.19D

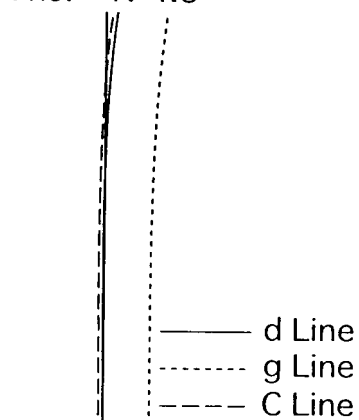
W=23.9°



DISTORTION

Fig.20A

FNO.= 1: 4.5

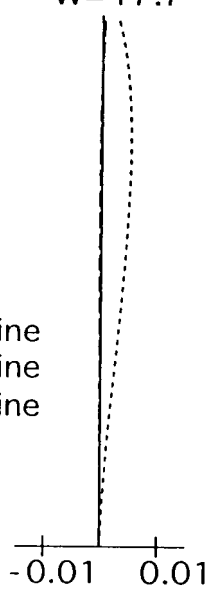


SPHERICAL  
ABERRATION

CHROMATIC  
ABERRATION

Fig.20B

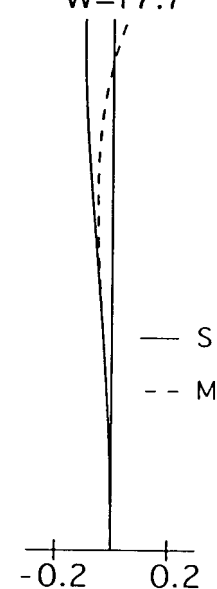
W=17.7°



LATERAL  
CHROMATIC  
ABERRATION

Fig.20C

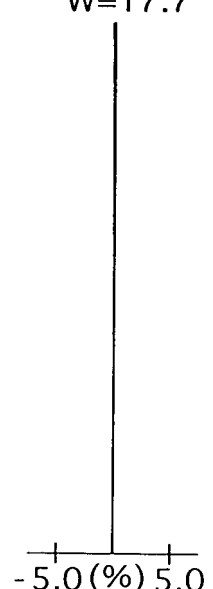
W=17.7°



ASTIGMATISM

Fig.20D

W=17.7°



DISTORTION

Fig. 21

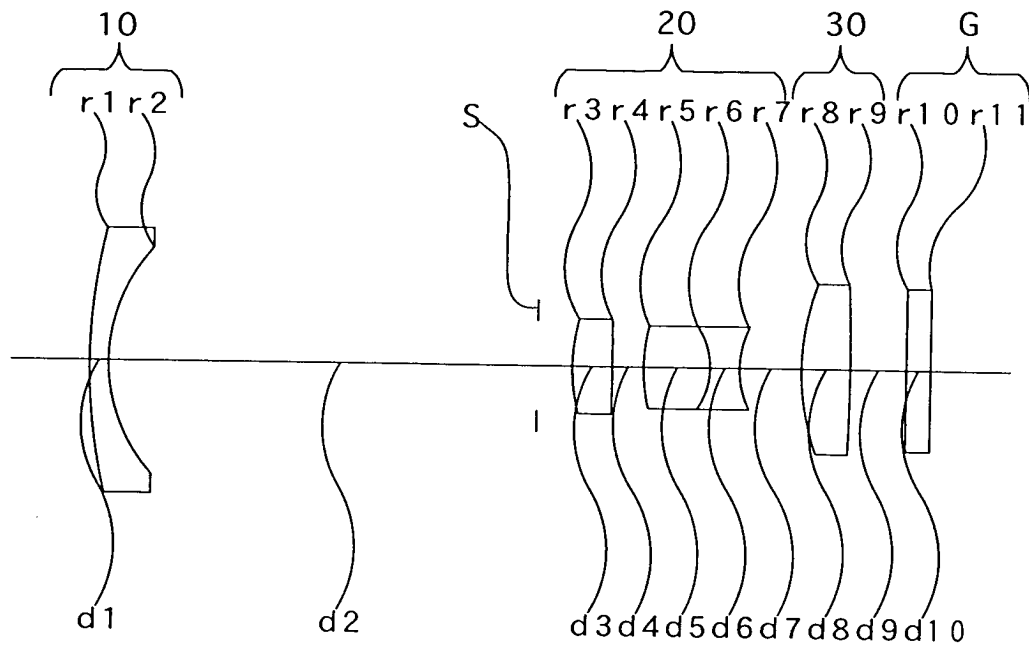


Fig.22A

FNO.= 1: 3.1

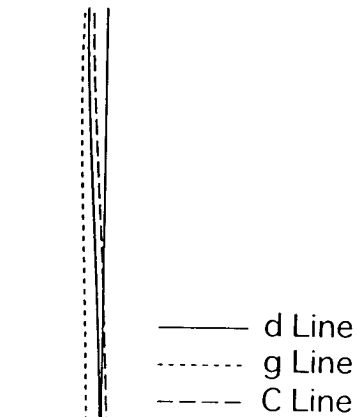


Fig.22B

W=32.2 °

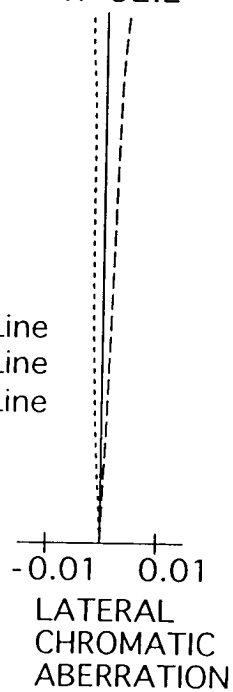


Fig.22C

W=32.2 °

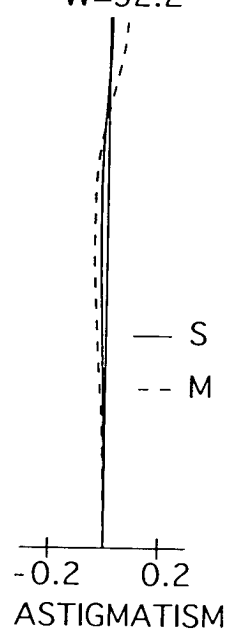


Fig.22D

W=32.2 °

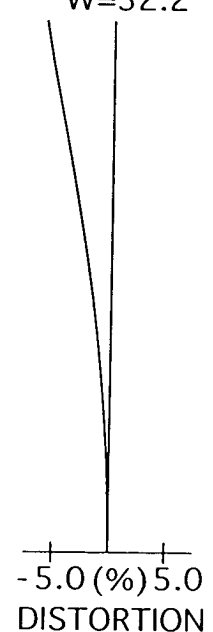
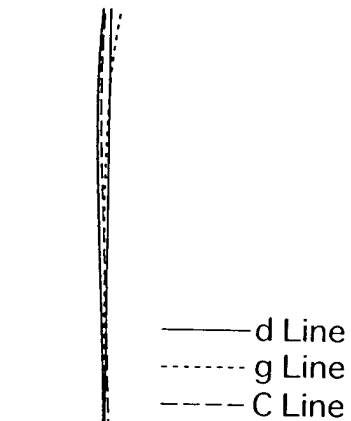


Fig.23A

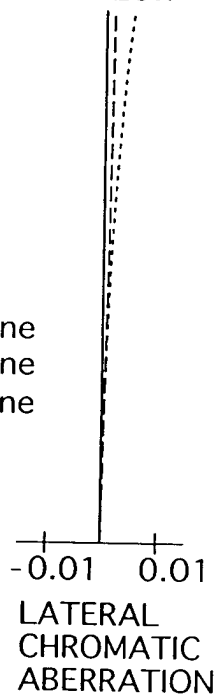
FNO.= 1: 3.6



-0.2 0.2  
 SPHERICAL  
 ABERRATION  
 CHROMATIC  
 ABERRATION

Fig.23B

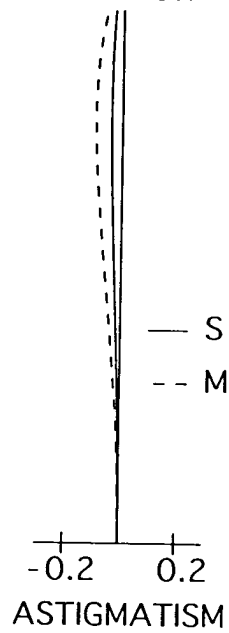
W=23.7°



-0.01 0.01  
 LATERAL  
 CHROMATIC  
 ABERRATION

Fig.23C

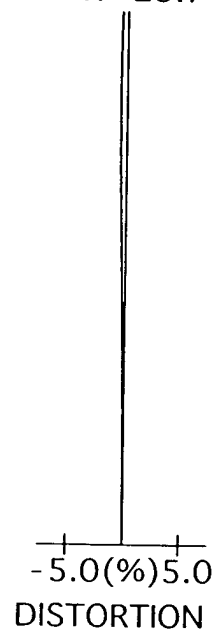
W=23.7°



-0.2 0.2  
 ASTIGMATISM

Fig.23D

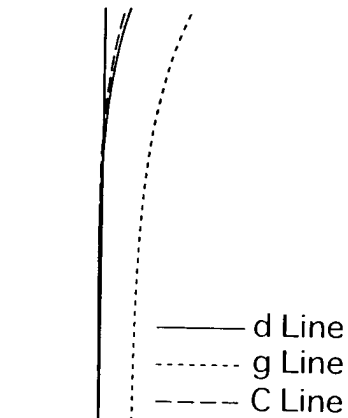
W=23.7°



-5.0(%) 5.0  
 DISTORTION

Fig.24A

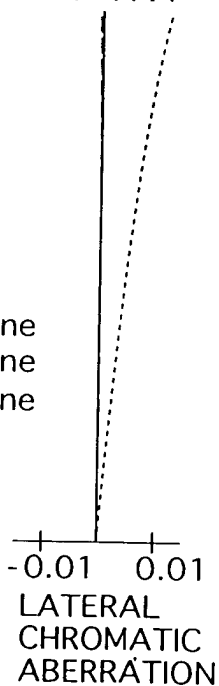
FNO.= 1: 4.4



-0.2 0.2  
 SPHERICAL  
 ABERRATION  
 CHROMATIC  
 ABERRATION

Fig.24B

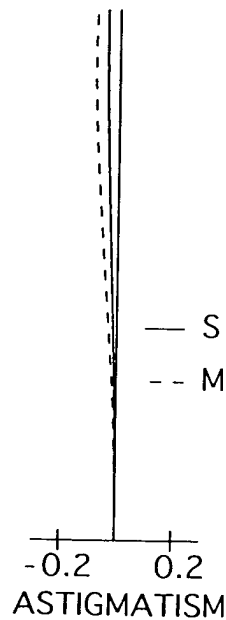
W=17.4°



-0.01 0.01  
 LATERAL  
 CHROMATIC  
 ABERRATION

Fig.24C

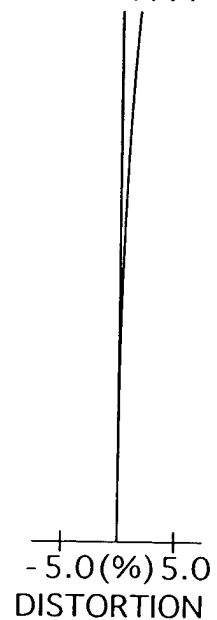
W=17.4°



-0.2 0.2  
 ASTIGMATISM

Fig.24D

W=17.4°



-5.0(%) 5.0  
 DISTORTION

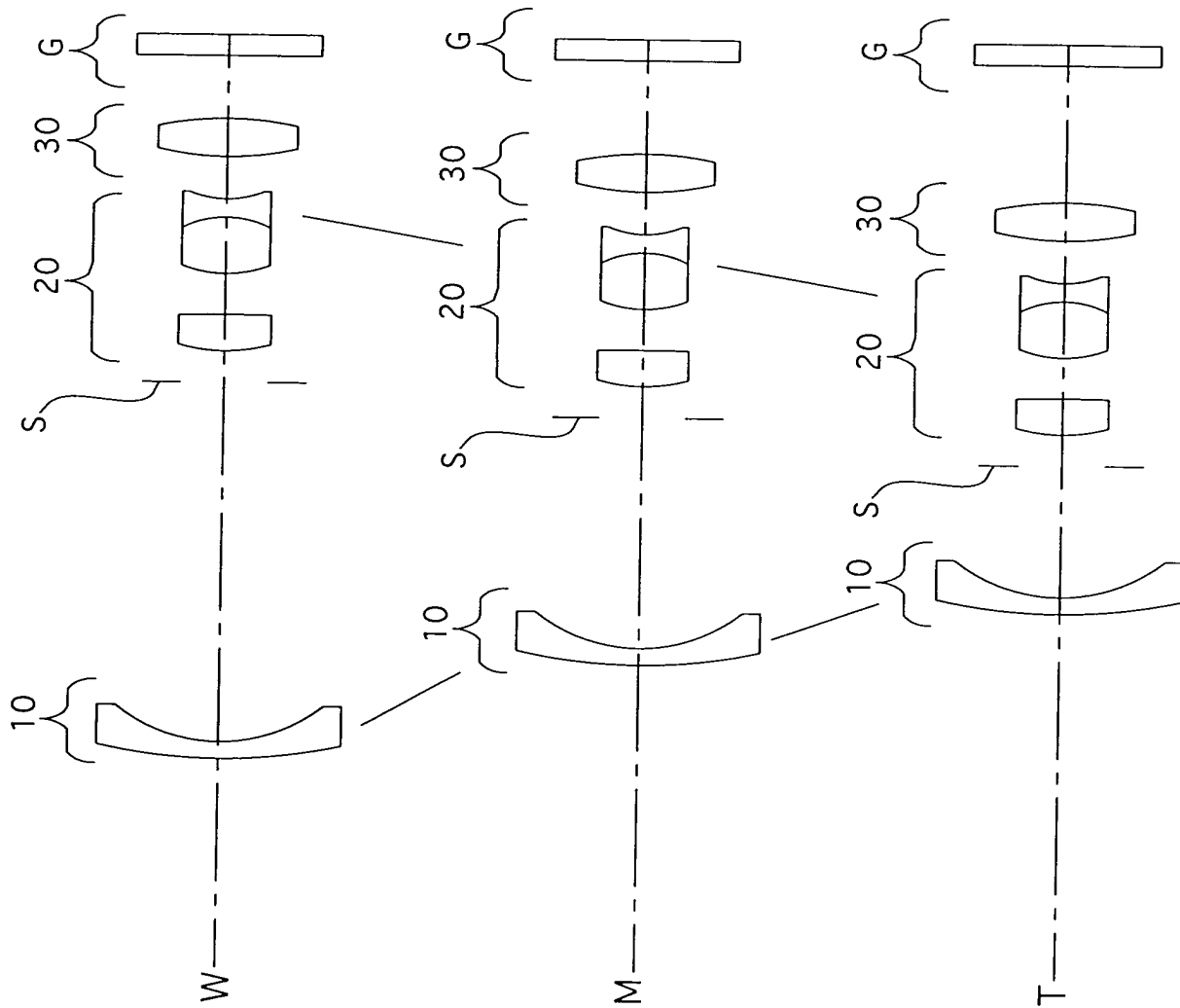


Fig. 25

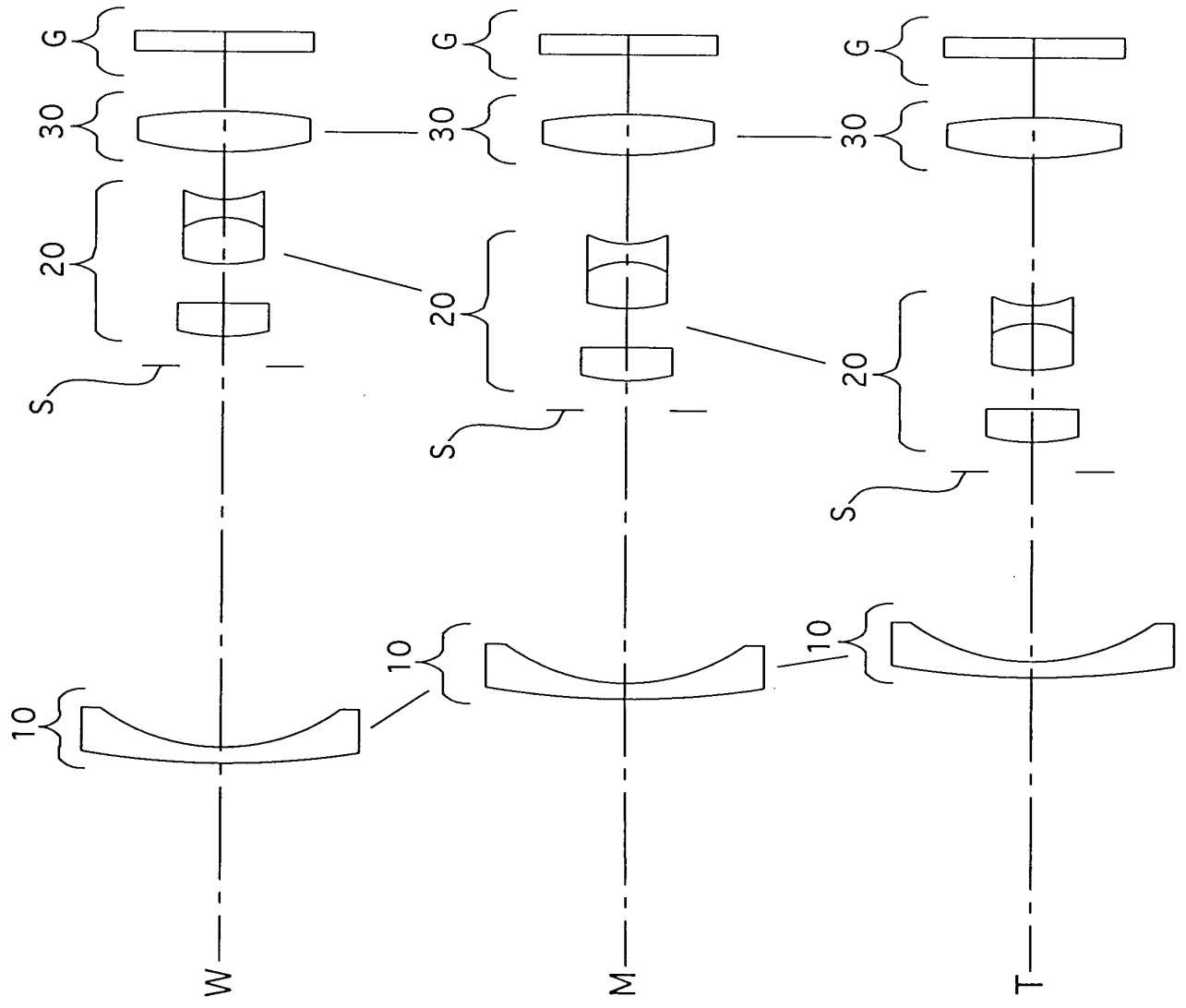


Fig. 26